

Applicant: Wooh, *et al.*
For: BUILDING CONSTRUCTION AND METHOD USING TENSION
SUPPORT METHOD

1 *Sub 102 3791031 4102 5634520*
1. A building construction using tensional support members comprising: a
2 support structure for bearing a compressive load; a support beam borne by said structure;
3 at least one enclosure cell; and at least one tension member for suspending ~~a~~ said
4 enclosure cell from said support beam. *(84)*
711, 12, 25 (87)

1 *Sub 102 3791031 4102 5634520*
2. The building structure of claim 1 in which said support structure includes
2 a column. *(80, 31)*
1, 2 (80, 31)
23

1 *Sub 102 3791031 4102 5634520*
3. The building structure of claim 1 in which said support structure includes
2 two columns. *63, 163*
102 3791031 4102 5634520

1 *Sub 102 3791031 4102 5634520*
4. The building structure of claim 1 in which said support structure includes
2 at least three columns. *see Fig 7*
102 3791031 4102 5634520

1 *Sub 102 3791031 4102 5634520*
5. The building structure of claim 1 in which said support beam includes a
2 linear beam. *102 3791031 4102 5634520*

1 *Sub 102 3791031 4102 5634520*
6. The building structure of claim 1 in which said support beam includes an
2 annular beam. *102 3791031 4102 5634520*

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9 102 3791031
7. The building

8. The build

9. The building structure of claim 1 in which said s
tension member including a cable element.

10 The building structure of claim 1 in which

11. The building structure of claim 1 in which said support beam is

~~for 192 374081 5634 520~~

Sub 13. The building
G27 fiber reinforced plastic m

1 ~~102 2741031~~ 14. A method of building using tensioned support members comprising
2 providing a support structure for bearing a compressional load; installing a support beam
3 ~~102 2741031~~ on said support structure; providing at least one enclosure cell; and suspending each
4 enclosure cell with a tension member from said support beam.

1 ~~102 2741031~~ 15. The method of claim 14 further including suspending additional enclosure
2 cells from said support beam.

1 ~~102 2741031~~ 16. The method of claim 14 in which said support structure includes at least
2 two columns. ~~102 2741031~~

1 ~~102 2741031~~ 17. The method of claim 14 in which said support beam includes at least two
2 beams.

1 ~~102 2741031~~ 18. The method of claim 14 in which said support beam includes a linear
2 beam.

1 ~~102 2741031~~ 19. The method of claim 14 in which said support beam includes an annular
2 beam.

1 ~~102 2741031~~ 20. The method of claim 14 in which said support beam includes an inner and
2 an outer annular beam and an interconnection structure between the line.

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